

JAVA.IO.FILTERREADER CLASS

http://www.tutorialspoint.com/java/io/java_io_filterreader.htm

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Introduction

The **java.util.FilterReader** class is for reading filtered character streams. Following are the important points about FilterReader:

- The class itself provides default methods that pass all requests to the contained stream.
- The Subclasses of FilterReader should override some of these methods and may also provide additional methods and fields.

Class declaration

Following is the declaration for **java.util.FilterReader** class:

```
public abstract class FilterReader
    extends Reader
```

Field

Following are the fields for **java.util.FilterReader** class:

- **protected Reader in** -- This is the character-input stream.
- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	protected FilterReader(Reader in) This creates a new filtered reader.

Class methods

S.N.	Method & Description
1	<u>void close()</u> This method closes the stream and releases any system resources associated with it.
2	<u>void mark(int readAheadLimit)</u> This method marks the present position in the stream.
3	<u>boolean markSupported()</u> This method tells whether this stream supports the mark() operation.
4	<u>int read()</u> This method reads a single character.

5	<u>int read(char[] cbuf, int off, int len)</u> This method reads characters into a portion of an array.
6	<u>boolean ready()</u> This method tells whether this stream is ready to be read.
7	<u>void reset()</u> This method resets the stream.
8	<u>long skip(long n)</u> This method skips characters.

Methods inherited

This class inherits methods from the following classes:

- java.util.Reader
- java.util.Object